EVOLVED EXPENDABLE LAUNCH VEHICLE (EELV)

DEVELOPMENT AND INITIAL LAUNCH SERVICES

REQUEST FOR PROPOSAL

ANNEX 14

ILS STATEMENT OF WORK PREPARATION INSTRUCTIONS

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INITIAL LAUNCH SERVICES STATEMENT OF WORK PREPARATION INSTRUCTIONS

Applicability. These instructions apply to ILS contract attachment 2, ILS Statement of Work.

General. The proposed statement of work should delineate the efforts necessary to accomplish the launch service, and the responsibilities of both the Offeror and the Government. The SOW shall be provided in contractor format, subject to the following requirements.

(1) The SOW shall break out those activities included in the scope of CLIN 0100 and CLIN 0102. For example, one section of the SOW could contain recurring standard launch services scope and another could contain nonrecurring first-time standard integration scope.

(2) The SOW shall include an annex for each payload type, as shown in RFP Annex 9, Delivery Order Information. Each annex shall be formatted such that there is a clear link between the SOW reference tables in Annex 9 and the activities and/or services required for CLINs 0101 and 0103 for each payload. Additionally, each annex shall also shall show any effort (integration, procurement of long-lead mission-unique hardware, etc.) necessary to be able to meet the required Call-up capability. As an example, paragraph 1 of the annex could cover CLIN 0101 scope, paragraph 2 could cover CLIN 0103 scope, and paragraph 3 could cover Call-up scope**. If any information for Mission A-D payloads is classified, the Offeror shall submit this information under separate cover in accordance with RFP Section 2 paragraph 1.3.**

(3) As a minimum, the following elements shall be addressed. The Offeror shall annotate those elements which are requirements above those normally provided in a SOW for a commercial customer.

1.0 Program management services

1.1 Planning and scheduling

1.1.1 Program schedules and tracking

1.1.2 Period of performance

1.2 Meetings and reviews

1.2.1 Technical interchange meetings

1.2.2 Management working group meetings

1.2.3 Readiness reviews

1.3 Mission requirements

1.3.1 ICD development

1.3.2 Program Requirements Document

1.3.3 Detailed Test Objectives report

1.4 Requirements verification

2.0 Mission integration services

2.1 Mission design analyses

2.1.1 Propulsion analysis
2.1.2 Guidance analysis
2.1.3 Mission power margin analyses
2.1.4 Flight controls and stability analyses
2.1.5 Mission software data load
2.1.6 Trajectory design and analyses
2.1.7 Thermodynamic analyses

2.2 Payload interfaces/analyses

2.2.1 Master gauge
2.2.2 PAF clearance analysis
2.2.3 Payload fairing clearance analysis
2.2.4 Separation analysis
2.2.5 Coupled dynamic loads analyses
2.2.6 Payload contamination analysis
2.2.7 Ascent PLF venting analysis
2.2.8 Acoustic environment analysis
2.2.9 EMI/EMC analyses
2.2.10 RF Hazards analyses
2.2.11 RF link analyses

2.3 Interface verification

2.3.1 Pathfinders/ fit checks for SV and GSE
2.3.2 Interface test support

2.4 Post-flight evaluation (to include a post-flight report for each launch service which includes flight data as listed in ILS Attachment 1 para 3.1.2.2, in-flight data)

3.0 Launch system services

3.1 LV fabrication, assembly, and test

3.2 LV processing and integration

3.3 Payload encapsulation and transport

3.3.1 Encapsulation services
3.3.2 Payload transportation services
3.3.3 Encapsulation facility requirements

3.4 Launch site payload/GSE support

3.4.1 Payload hoist/mate
3.4.2 Payload GSE interfaces/support
3.4.3 Launch team training